Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Bill Type::1st & Final Bill

Date.....2021

Zone: BBMP,Yelahanka | Division: BBMP, Byatarayanapura | Sub-Division: Vidyaranyapura

Bill Received No. | Dated | Divisional | Cash Book Voucher No.....Dated.....

Sub-Divisional | Job Code: 009-20-000055, 009-20-000056, 009-20-000057

Schedule Docket No. | Head of Account: P3698, Special Developments Works | Est.Cost: Rs. 200.00 Lakhs | INDENT NO.: 41707

Name of Work : Package No. 01 (Package Consists of 3 Works of Ward Number 09).

Name of Contractor and Full Address: Sri Ashwathnarayana, # 38, Chanappa Layout, Sharadhabhanagara, Jalahalli Village, Bangalore - 560 013.

Reference to Agreement No. BBMP/EE/BTP/WO/135/2020-21 Date: 18-11-2020

Certified that the measurements were taken by me on: 21/06/21 and recorded of Pages 357854 to 357861 of measurement Book No. 3579/17-18 and that work is satisfactorily executed.

Contractor Accepted Engineer

Officer-in-charge of work

Certified that measurement were taken by me on 21/6/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

1) Total value of work done or supplies made as per account within — BA - 2080800=00

2) Deduct amount to be held in reserve being.....Percent Rs..... — IT - 208086=00

3) " Balance — LC - 208086=00

4) Deduct Payment:

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... — CBF - 208086=00

adjusted towards cash advance recovery of — GST - 185792=00

b) Payments cost store or other material supplied. — SST - 185792=00

Now made recovery of amount creditable to this /other work — Royalty - 225790=00

Amount paid on this bill Cheque/Cash. — TDS - 1044255=00

5) Balance being unpaid value of work done held in reserve.

6) Deduct cash advance made on the Office cash Book Voucher No.....

dated .....less adjustments.

Total Amount Adjusted - — 19764245=00

7) Net amount due to or from Contractor unadjustments items.

8) Advance to Contractor for materials brought to site (as detailed) within

9) Value of Government materials supplied.

Accepted Engineer

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1
2

Accepted Engineer

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account.....P-3698.....

Bill Passed for Rs.....2080800=00.....

Statutory Deductions Rs.....1044255=00.....By Adjustment

Net Amount Paid Rs.....19764245=00.....By NEFT/RTGS

C/W

Account Superintendent
Byatarayanapura Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP

Sl. No.		Unit
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202. complete as per specifications and directions of the Engineer in charge.(5km lead = 57+2*1.28X5)	Cum
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(5km lead= 57+2.0x1.28x5 =69.80. complete as per specifications and directions of the Engineer in charge.	Cum
3	Removing and refixing stone slabs of drains and pointing in CM (1:3) . complete as per specifications and directions of the Engineer in charge.	Sqm
4	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and directions of the Engineer in charge.	Cum
5	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of	Cum
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge.	Cum
7	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge.	tonne
8	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications and directions of the Engineer in charge.	Cum
	Qty Above 125%	
9	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate) complete as per specifications and directions of the Engineer in charge.	Sqm
10	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc , complete as per specifications and directions of the Engineer in charge.	Sqm
11	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800mm using M20 concrete reinforced with steel @6.00kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials,HOM, curing, lead and lift charges etc, complete as per specifications and directions of the Engineer in charge.	m
12	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete. complete as per specifications and directions of the Engineer in charge.	Nos
13	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	Sqm
14	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 complete as per specifications and directions of the Engineer in charge.	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	2.52	660.00	1663.00	2.52	1663.00	
-	-	2230.10	300.00	669030.00	2230.10	669030.00	
-	-	323.51	150.00	48527.00	323.51	48527.00	
-	-	303.07	5550.00	1682039.00	303.07	1682039.00	
-	-	582.00	7500.00	4365000.00	582.00	4365000.00	
-	-	12.80	5842.00	74778.00	12.80	74778.00	
-	-	35.16	80000.00	2812800.00	35.16	2812800.00	
-	-	15.44	6000.00	92640.00	15.44	92640.00	
-	-	51.28	5114.37	262265.00	51.28	262265.00	
		904.83	2337.00	2114588.00	904.83	2114588.00	
-	-	92.52	5418.00	501273.00	92.52	501273.00	
-	-	74.40	1145.00	85188.00	74.40	85188.00	
-	-	2241.00	500.00	1120500.00	2241.00	1120500.00	
-	-	403.32	39.00	15729.00	403.32	15729.00	
-	-	403.32	84.00	33879.00	403.32	33879.00	

Sl. No.		Unit
15	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and directions of the Engineer in charge.	Cum
16	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Sqm
17	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density,complete as per specifications and directions of the Engineer in charge.	Cum
18	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and directions of the Engineer in charge.	Sqm
19	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of the Engineer in charge.	Cum
20	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge.	Sqm
21	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Sqm
22	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and directions of the Engineer in charge.	Sqm
23	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen . complete as per specifications and directions of the Engineer in charge.	Cum
24	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder consisting of 4.97% VG- 30 bitumen (60/70 grade) 0.43% Plastomeric Thermoplastics (Waste plastic Additive). complete as per specifications and directions of the Engineer in charge.	Cum
25	.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per	Sqm
26	Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire charges of machineries all load and lift charges etc. complete as per specifications. do with OPC at 360Kg per cum	Cum
	Sub Total	
	GST @ 12%	
	Grand Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	336.92	56.00	18868.00	336.92	18868.00	
-	-	1192.00	41.00	48872.00	1192.00	48872.00	
-	-	30.60	1994.00	61016.00	30.60	61016.00	
-	-	1192.00	7.00	8344.00	1192.00	8344.00	
-	-	421.18	2001.00	842781.00	421.18	842781.00	
-	-	2478.34	28.00	69394.00	2478.34	69394.00	
-	-	6938.98	5.00	34695.00	6938.98	34695.00	
		6938.98	12.00	83268.00	6938.98	83268.00	
		102.99	6597.00	679425.00	102.99	679425.00	
		305.14	8155.00	2488417.00	305.14	2488417.00	
		248.38	454.00	112765.00	248.38	112765.00	
		46.96	5354.00	251424.00	46.96	251424.00	
				18579168.00		**18579168.00**	
				2229500.00		**2229500.00**	
				20808668.00		**20808668.00**	